



PATENT  
99146

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Hook, J.

Group Art Unit: 3752

In re application of:  
Schempf et al.

Serial No. 09/547,281

Filed: April 12, 2000

Title:  
PIPE INSPECTION AND  
REPAIR SYSTEM

RECEIVED

JUL 17 2003

TECHNOLOGY CENTER R3700

AMENDMENT AND RESPONSE TO OFFICE ACTION

Pittsburgh, Pennsylvania 15222  
July 11, 2003

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed March 11, 2003 on the application captioned above, please amend the application as follows:

In the Specification:

Please replace the paragraph on page 20, lines 6-15 with the following paragraph:

FIG. 16 illustrates a schematic of the functional components of the marker module 38.

The marker module 38 applies a marker, such as, for example, a stripe of paint, circumferentially around the inside of a pipe at a fixed distance from the detected flaws. The module 38 includes a reservoir tank 56 pressurized to, for example, 20 psi by an on board gas source 58. The gas can be, for example, nitrogen stored at, for example, 300 psi. A non-relieving regulator 60 drops the pressure to, for example, 20 psi above the ambient pressure of the material within the pipe. The regulator 60 is set through an access port prior to the device 10 being inserted into the pipe. The gas in the gas source 58 can be filled through a charge port 61 and the reservoir tank 56 can be

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02 FC:2201  
03 FC:2202  
04 FC:2251

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